

IN THE CLAIMS:

1. (Currently Amended) A recording medium on which is recorded an index table, management tables, and an application, wherein a plurality of titles between which branching is possible, and an application that is executable during playback of any of the titles, wherein

the index table shows a correspondence between titles and the management tables,

each title includes a digital stream and a management table,

the application is a program written in a virtual machine-oriented programming language,

each management table shows, in correspondence, the application and a run attribute of the application ~~in the corresponding title~~, and

the run attribute shows how the application is to be controlled in a branch destination title if a branch between titles occurs.

2. (Currently Amended) A playback apparatus that simultaneously performs playback of any one of a plurality of titles recorded on a recording medium, a title that includes a digital stream, and execution of an application, comprising:

~~a playback control engine unit operable to play a digital stream that belongs to one of a plurality of titles;~~

a module manager operable to control branching between the plurality of titles;
and

a module operable to execute an application,

wherein further recorded on the recording medium are application management tables, each application management table showing a run attribute of the application in a

~~corresponding one of the titles, and the application is assigned run attributes corresponding respectively to the plurality of titles, and~~

the module includes an application manager operable to, when a branch occurs between titles, control a status of the application in a branch destination title in accordance with a ~~status of the application in a branch origin title and the run attribute in the branch destination~~ title.

3. (Original) The playback apparatus of Claim 2, wherein

when the run attribute assigned to the application shows maintaining of status, and the application is not run in the branch origin title, the application manager causes the application to have a non-run status in the branch destination title, and

when the run attribute assigned to the application shows maintaining of status, and the application is running in the branch origin title, the application manager runs the application in the branch destination title.

4. (Original) The playback apparatus of Claim 2, wherein

when the run attribute assigned to the application shows automatic run, and the application is not run in the branch origin title, the application manager runs the application in the branch destination title, and

when the run attribute assigned to the application shows automatic run, and the application is running in the branch origin title, the application manager maintains the status of the application in the branch destination title.

5. (Original) The playback apparatus of Claim 2, wherein

when the run attribute assigned to the application shows suspend, and the application is running in the branch origin title, the application manager controls such that, in the branch destination title, the application occupies resources of the playback apparatus, but the status of the application is changed such that CPU power in the playback apparatus is not allocated to the application.

6. (Currently Amended) A program that causes a computer to simultaneously perform playback of ~~a title that includes a digital stream,~~ any one of a plurality of titles recorded on a recording medium, and execution of an application,

~~wherein the application is assigned run attributes that corresponding respectively to the plurality of titles, and~~

wherein further recorded on the recording medium are application management tables, each application management table showing a run attribute of the application in a corresponding one of the titles, and

the program causes the computer to, when a branch occurs between titles, control a status of the application in a branch destination title in accordance with ~~a status of the application in a branch origin title and~~ the run attribute in the branch destination title.

7. (Currently Amended) A playback method that causes a computer to simultaneously perform playback of ~~a title that includes a digital stream,~~ any one of a plurality of titles recorded on a recording medium, and execution of an application,

~~wherein the application is assigned run attributes that corresponding respectively to the plurality of titles, and~~

wherein further recorded on the recording medium are application management tables, each application management table showing a run attribute of the application in a corresponding one of the titles, and

the playback method causes the computer to, when a branch occurs between titles, control a status of the application in a branch destination title in accordance with ~~a status of the application in a branch origin title~~ and the run attribute in the branch destination title.

8. (Previously Presented) The recording medium of Claim 1, wherein

the run attribute in a branch destination title is an automatic run attribute for automatically running the application, if the application has a non-run status in the branch origin title.

9. (Previously Presented) The recording medium of Claim 1, wherein

the run attribute in a branch destination title is a status maintain attribute for maintaining running of the application in the branch destination title, if the application is being run in the corresponding title.

10. (New) The recording medium of Claim 1, on which is further recorded a digital stream and playlist information that references the digital stream, and

the title is a unit of playback that is associated with at least one piece of playlist information that is selectable by a user.

11. (New) The playback apparatus of Claim 2, wherein

the status of the application in the branch destination title is determined based on a status of the application in a branch origin title and the run attribute of the application in the branch destination title.

12. (New) The playback apparatus of claim 2, wherein

further recorded on the recording medium are a digital stream and playlist information that references the digital stream, and

the title is a unit of playback that is associated with the digital stream via the playlist information and that is selectable by a user operation.